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cell and dye and microchannel and signal and

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Web Results 1 - 10 of about 75 for **cell and dye and microchannel and signal and osmotic flow**. (0.37 sec)

United States Patent Application: 0020058332

... The reporter is typically a **dye**, fluorescent, ultraviolet ... the diameter of the largest molecule, **cell** or droplet ... the diameter of the **microchannel**; ie, preferably ...

appft1.uspto.gov/.../ %22California&RS= - 101k - [Cached](#) - [Similar pages](#)

[PDF] Cell transport via electromigration in polymer-based microfluidic ...

File Format: PDF/Adobe Acrobat

... The **microchannel** pattern was hot embossed into the ... attachment of an amine-selective **dye** to determine ... detection system used for monitoring **cell** transport via ...

pubs.rsc.org/ej/LC/2004/b317093d.pdf - [Similar pages](#)

[PDF] b307960k doc..b307960k chapter .. Page196

File Format: PDF/Adobe Acrobat

... 30 The **microchannel** system, on the other hand, is ... was filled with SYTO 9. This **dye** is a green fluorescent stain that can penetrate intact **cell** membranes and ...

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[PDF] Microscopic PIV Measurements for Electro-osmotic Flows in PDMS ...

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... x10 515 nm 488 nm Test **Cell** Reservoirs Electrodes ... from the fluorescence of the seeded **dye** molecules. ... illuminated the test section of the **microchannel**, as shown ...

microfluidics.tripod.com/PDF/JOV_MJKim.pdf - [Similar pages](#)

[PDF] s00348-002-0449-0ca 170..180

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... from the fluorescence of the seeded **dye** molecules ... The fluorescence **signal** is recorded with an interline ... is 16·16 pixels and the interrogation **cell** overlay is ...

microfluidics.tripod.com/PDF/Minjun_ExpInFluid.pdf - [Similar pages](#)

ENGINEERING FLOWS IN SMALL DEVICES - Annual Review of Fluid ...

... The various input chambers contain **dye** to visualize the ... reagents to a single living **cell** with subcellular ... in a straight, smooth-walled **microchannel** occurs only ...

arjournals.annualreviews.org/ doi/abs/10.1146/annurev.fluid.36.050802.122124 -

[Similar pages](#)

[PDF] Miniaturized analytical assays in biotechnology

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... In handling **cell** extracts, a lot of the work can ... 3. Electrically conducting **microchannel** between main (lower channel ... along with the fluorescent **dye** coming from ...

www.ph.tn.tudelft.nl/People/ albert/papers/Miniaturized.pdf - [Similar pages](#)

SPIE Bookstore

... the two-photon fluorescence of trapped **dye**-stained polystyrene ... the oxygenation cycle in a single **cell** and to ... small Reynolds number in a **microchannel**, mixing is ...

bookstore.spie.org/index.cfm?fuseaction=DetailVolume&

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... mobility of the beads in the **microchannel** (m Tot ... nd oppos- ing bead and **dye** solution velocities ... application for UV detection micro **flow cell**, in: Proceedings ...

[Imis2.epfl.ch/articles/pdf/42.pdf](#) - [Similar pages](#)

BUILDING DRUG DELIVERY INTO TISSUE ENGINEERING

... agent that would be experienced by a **cell** situated 1 ... The rhodamine-**dye** fluid (red) has moved through the ... of the probe, which contains the **microchannel**, is 100 ...

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☐ 1. Document ID: US 20040224397 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 36

File: PGPB

Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040224397

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040224397 A1

TITLE: Microfluidic systems and methods for transport and lysis of cells and analysis of cell lysate

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Culbertson, Christopher T.	Oak Ridge	TN	US	
Jacobson, Stephen C.	Knoxville	TN	US	
McClain, Maxine A.	Knoxville	TN	US	
Ramsey, J. Michael	Knoxville	TN	US	

US-CL-CURRENT: 435/173.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20040224380 A1

L8: Entry 2 of 36

File: PGPB

Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040224380

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040224380 A1

TITLE: Microfluidic particle-analysis systems

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chou, Hou-Pu	Sunnyvale	CA	US	
Daridon, Antoine	Belmont	CA	US	
Farrell, Kevin	San Francisco	CA	US	

Fowler, Brian	Foster City	CA	US
Liau, Yish-Hann	San Jose	CA	US
Manger, Ian D.	San Francisco	CA	US
Nassef, Hany Ramez	San Mateo	CA	US
Thronset, William	San Francisco	CA	US

US-CL-CURRENT: 435/29; 422/68.1, 435/288.5, 436/63

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20040224002 A1

L8: Entry 3 of 36

File: PGPB

Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040224002

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040224002 A1

TITLE: Artificial synapse chip

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fishman, Harvey A.	Menlo Park	CA	US	
Bloom, David M.	Jackson	WY	US	
Bent, Stacey F.	Palo Alto	CA	US	
Peterman, Mark C.	Jackson	WY	US	
Noolandi, Jaan	Palo Alto	CA	US	
Mehenti, Neville	East Windsor	NJ	US	

US-CL-CURRENT: 424/423

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20040182707 A1

L8: Entry 4 of 36

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040182707

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040182707 A1

TITLE: Nanoelectrodes and nanotips for recording transmembrane currents in a plurality of cells

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Jardemark, Kent	Goteborg	SE
Jesorka, Aldo	Gothenburg	SE
Karlsson, Mattias	Goteborg	SE
Olofsson, Jessica	Goteborg	SE
Orwar, Owe	Hovas	SE
Pihl, Johan	Goteborg	SE
Sahlin, Eskil	Goteborg	SE

US-CL-CURRENT: [204/451](#); [204/601](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 20040178071 A1

L8: Entry 5 of 36

File: PGPB

Sep 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040178071

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040178071 A1

TITLE: Microfluidic system and methods of use

PUBLICATION-DATE: September 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Harrison, Daniel Jed	Edmonton		CA	
Li, Paul C.H.	Coquitlam		CA	
Szarka, Roderick	Edmonton		CA	
Smith, Richard	Edmonton		CA	
Anderson, Per	Alberta		CA	

US-CL-CURRENT: [204/450](#); [204/600](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 20040142494 A1

L8: Entry 6 of 36

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040142494

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040142494 A1

TITLE: Affinity binding-based system for detecting particulates in a fluid

PUBLICATION-DATE: July 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sheppard, Norman F. JR.	Bedford	MA	US	
Mian, Alec	Cambridge	MA	US	
Kellogg, Gregory	Somerville	MA	US	
Kieffer-Higgins, Stephen G.	Dorchester	MA	US	
Carvalho, Bruce L.	Watertown	MA	US	

US-CL-CURRENT: 436/518

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 20040072278 A1

L8: Entry 7 of 36

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040072278

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040072278 A1

TITLE: Microfluidic particle-analysis systems

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chou, Hou-Pu	Sunnyvale	CA	US	
Daridon, Antoine	Belmont	CA	US	
Farrell, Kevin	San Francisco	CA	US	
Fowler, Brian	Foster City	CA	US	
Liau, Yish-Hann	San Jose	CA	US	
Manger, Ian D.	San Francisco	CA	US	
Nassef, Hany Ramez	San Mateo	CA	US	
Thronset, William	San Francisco	CA	US	

US-CL-CURRENT: 435/29; 422/68.1, 435/288.5, 436/63

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 8. Document ID: US 20040048239 A1

L8: Entry 8 of 36

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040048239

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040048239 A1

TITLE: Use of nernstein voltage sensitive dyes in measuring transmembrane voltage

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Farinas, Javier Anibal	San Carlos	CA	US	
Wada, H. Garrett	Atherton	CA	US	

US-CL-CURRENT: 435/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 9. Document ID: US 20040032391 A1

L8: Entry 9 of 36

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040032391

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040032391 A1

TITLE: Electrophoretic display with dual-mode switching

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Liang, Rong-Chang	Cupertino	CA	US	
Chung, Jerry	Mountain View	CA	US	

US-CL-CURRENT: 345/107

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 10. Document ID: US 20040009545 A1

L8: Entry 10 of 36

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040009545

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040009545 A1

TITLE: Use of nernstein voltage sensitive dyes in measuring transmembrane voltage

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Farinas, Javier Anibal	San Carlos	CA	US	
Wada, H. Garrett	Atherton	CA	US	

US-CL-CURRENT: 435/40.5; 435/287.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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Terms	Documents
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